

Converting Colors

XYZ(26.7754, 33.5158, 32.0388)

Have a look what the booklet for
XYZ(26.7754, 33.5158, 32.0388)
contains.

XYZ(26.6322, 33.3817, 31.8277)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.6322, 33.3817,
31.8277)**

Conversions

Conversions Part 1

Format	Color
Hex	79A691
RGB	121, 166, 145
RGB Percent	47%, 65%, 57%
CMY	0.5255, 0.3490, 0.4314
CMYK	0.27, 0.00, 0.13, 0.35
HSL	152°, 20%, 56%
HSV	152°, 27%, 65%
XYZ	26.6322, 33.3817, 31.8277
YIQ	150.1510, -20.0790, -16.0710

Conversions

Conversions Part 2

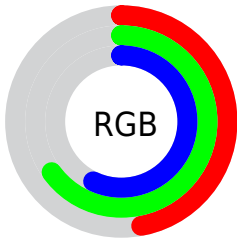
Format	Color
RYB	121, 150, 166
Decimal	7972497
CIELab	64.47, -19.66, 6.01
CIELCh	64, 20.561, 163.014
Yxy	33.3817, 0.2900, 0.3635
Android (android.graphics.Color)	4286162577 (0xFF79A691)
YUV	150.1510, -2.5394, -25.5654
Hunter-Lab	57.7769, -18.8302, 7.7826

Details

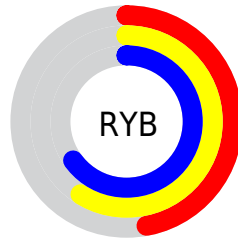
The XYZ color **26.6322, 33.3817, 31.8277** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.4469, 23.7356, 28.7274**, and the grayscale version is **29.0708, 30.5847, 33.3068**.

A 20% lighter version of the original color is **53.6208, 64.8351, 63.7211**, and **10.6814, 14.2004, 13.0045** is the 20% darker color. If you saturate the color by 10%, you get **23.9260, 32.0542, 28.6886**, and if you desaturate by 10%, it is **29.7813, 34.9346, 35.2016**.

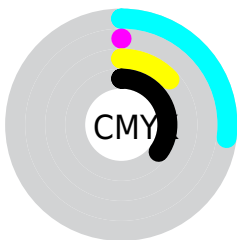
Distribution



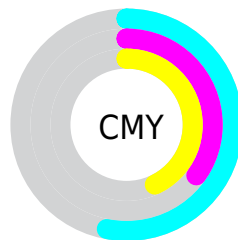
- Red (47%)
- Green (65%)
- Blue (57%)



- Red (47%)
- Yellow (59%)
- Blue (65%)



- Cyan (27%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)



- Cyan (53%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6322, 33.3817, 31.8277 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.6322, 33.3817, 31.8277 by changing the saturation by 10% instead.

■ 26.6322, 33.3817,
31.8277

■ 26.6322, 33.3817,
31.8277

278.0720,
317.3662, 324.8021

■ 17.4323, 22.4190,
20.9662

■ 53.7172, 64.9710,
63.6356

■ 10.6404, 14.1651,
12.9083

■ 72.3330, 86.3664,
85.4192

■ 5.8911, 8.2356,
7.2354

■ 94.8182, 112.0082,
111.6805

■ 2.8190, 4.2461,
3.5291

121.5381,
142.2807, 142.8380

■ 1.0588, 1.8121,
1.3707

152.8580,
177.5684, 179.3105

■ 0.0000, 0.4947,
0.1187

189.1435,

■ 0.0000, 0.0000,

218.2556, 221.5162

0.0000

230.7597,
264.7267, 269.8740

■ 26.6322, 33.3817,
31.8277

■ 26.6322, 33.3817,
31.8277

■ 23.9260, 32.0542,
28.6886

■ 29.7813, 34.9346,
35.2016

■ 21.6387, 30.9371,
25.7769

■ 33.3904, 36.7190,
38.8132

■ 19.7481, 30.0200,
23.0879

■ 37.4790, 38.7456,
42.6679

■ 18.2285, 29.2898,
20.6160

■ 42.0646, 41.0235,
46.7706

■ 17.0515, 28.7318,
18.3551

■ 47.1638, 43.5612,
51.1257

■ 16.1838, 28.3291,
16.2990

■ 52.7925, 46.3666,
55.7376

■ 15.5753, 28.0560,
14.4401

■ 58.9658, 49.4476,
60.6107

■ 15.4204, 27.9871,
13.9375

■ 65.6982, 52.8115,
65.7492

■ 67.1075, 53.4259,
70.8812

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.0327, 33.3817, 25.7656



26.6322, 33.3817, 31.8277



26.5422, 33.3817, 40.1087

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.6322, 33.3817, 31.8277



33.0160, 33.3817, 54.4740



36.0353, 33.3817, 26.4003

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.6322, 33.3817, 31.8277



27.4469, 23.7356, 28.7274

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.5494, 33.3817, 32.8281



26.6322, 33.3817, 31.8277



35.7352, 33.3817, 49.4890

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.6322, 33.3817, 31.8277



30.1083, 33.3817, 54.0953



37.4363, 33.3817, 41.2750



33.4054, 33.3817, 22.9794

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.6322, 33.3817, 31.8277



27.2282, 33.3817, 45.8814



37.4363, 33.3817, 41.2750



36.6987, 33.3817, 28.2344

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.6331, 33.3831, 31.8284



59.8768, 66.2817, 69.7373



28.3730, 34.4717, 23.2479



13.1753, 14.7218, 15.3862



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.6331, 33.3831, 31.8284



45.0504, 58.9712, 54.0093



28.2695, 33.8201, 41.1160



7.5977, 8.4721, 8.8675



11.9810, 21.7112, 10.9327



0.3170, 0.5384, 0.4002

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27.4469, 23.7356, 28.7274



46.7971, 38.2710, 47.3586



26.1069, 23.3460, 21.2199



7.6713, 7.5984, 8.5865



13.2696, 6.7165, 6.2311



0.3489, 0.1738, 0.2886

Previews

White Background



This preview shows how the XYZ color 26.6322, 33.3817, 31.8277 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.6322, 33.3817, 31.8277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

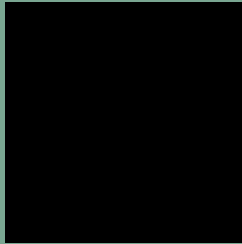
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6322, 33.3817, 31.8277

Background



This preview shows how black text looks on a background with the XYZ color 26.6322, 33.3817, 31.8277.

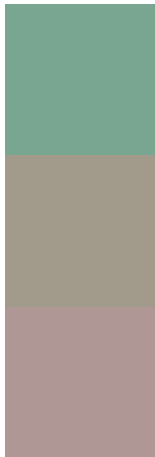


This preview shows how white text looks on a background with the XYZ color 26.6322, 33.3817,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.6322, 33.3817, 31.8277

Protanopia

31.2818, 32.9882, 29.1447

Deuteranopia

33.8675, 33.2700, 32.6537



Tritanopia

29.4106, 33.4478, 45.4634

Trichromacy



Original Color

26.6322, 33.3817, 31.8277

Protanomaly

29.2385, 32.9224, 30.0129

Deuteranomaly

30.6725, 32.8521, 32.3282

Tritanomaly

28.2555, 33.2347, 40.0477

Monochromacy



Original Color

26.6322, 33.3817, 31.8277

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.8812, 31.4040, 32.6091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6322, 33.3817, 31.8277 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(121, 166, 145)` looks like.

```
.text, #text, p{  
    color:rgb(121, 166, 145)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(121, 166, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 166, 145) }
```

Border

The CSS property to change the border of an element to XYZ 26.6322, 33.3817, 31.8277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 166, 145) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(121, 166, 145) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(121, 166, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 166, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 166, 145);  
box-shadow:4px 4px 4px 4px rgb(121, 166,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6322, 33.3817, 31.8277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 166, 145) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(121,  
166, 145) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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